

What is claimed is:

1. A battery pack housing a plurality of battery cells in a case and respectively connecting positive electrodes and negative electrodes of said plurality of battery cells to a conductive terminal board to be led out to outside terminals, wherein

said conductive terminal board has a structure in which a first member is joined with a second member such that said first member having excellent weldability is arrayed in a plurality-of-islands state in said second member having excellent conductivity, and the positive electrodes and the negative electrodes of said battery cells are welded to said first member of said conductive terminal board through resistance welding.

2. A battery pack according to claim 1, wherein

said first member of said conductive terminal board is joined with the second member such that one surface of the first member shows an islands-like shape and the other surface thereof shows a shape that the island portions are connected to each other.

3. A battery pack according to claim 1 or 2, wherein

said first member of said conductive terminal board contains any one of or plural kinds among: nickel (Ni), nickel alloy, iron (Fe), iron alloy, stainless steel, zinc (Zn), zinc alloy, platinum (Pt), platinum alloy; and said second member contains any one of or plural kinds among: copper (Cu), copper alloy, aluminum (Al), aluminum alloy,

silver (Ag), silver alloy, gold (Au), gold alloy, beryllium (Be), beryllium alloy, rhodium (Rh), rhodium alloy, tungsten (W), tungsten alloy, molybdenum (Mo) and molybdenum alloy.

4. A battery pack according to any one of claims 1, 2, and 3, wherein

said first member of said conductive terminal board is provided with slits, and the positive and negative electrodes of said battery cells are welded through a series-spot-electricity-welding such that said slits are straddled by electrodes thereof.